

## BS CS Alignment Matrix

	CIS 115	CIS 200	CIS 300	CIS 301	CIS 308	CIS 400	CIS 415	CIS 450	CIS 501	CIS 505	CIS 560	CIS 575	CIS 520	CIS 525	CIS 625	CIS 642/643	CIS 596/598/599
<b>Student Outcomes</b>																	
1. Analyze a complex computing problem and apply principles of computing and other relevant disciplines to identify solutions						X		X	X		XA	XA				XA	XA
2. Design, implement, and evaluate a computing-based solution to meet a given set of computing requirements in the context of the program's discipline						X		X	XA		XA		X	X	X	XA	XA
3. Communicate effectively in a variety of professional contexts	XA						X				XA					XA	XA
4. Recognize professional responsibilities and make informed judgments in computing practice based on legal and ethical principles	X						XA										
5. Function effectively as a member or leader of a team engaged in activities appropriate to the program's discipline	X										XA		XA	XA	XA	X	
6. Apply computer science theory and software development fundamentals to produce computing-based solutions.						X		X	X	XA	XA		X		X	XA	XA

An “X” denotes courses in which students have the opportunity to learn the outcome.

An “A” denotes courses in which student performance is used for program level assessment of the outcome.